| œ | 7 | O. | 5 | 4.2 | ω | 2 | j i | |
|--|--|--|--|----------------------------|---|------------------------------|---|------------------|
| BR/S | BRS | B.R.S | BRS | BRS | BRS | BRS | BRS | Туре |
| L19 | гēт | co E | L7 | Г6 | E 5 | L4 | Ľ W | Ľ # |
| (n -1 : | П | 115 | 63 | IJ | 0 | 281 | 2887 | Hits |
| (stress with (buffer adj lager)) | Le and porcus | 14 and (semiconductor or chip or die or wafer) | 14 and (semiocnductor or chip or die or wafer) | 13 and (stress near layer) | 13 and 14 | stress adj relax\$ adj layer | circuit adj layer | Search Text |
| HSPAT; B; EPG; CTO; CTO; CTO; TERMENT; TEM | USPAT; US-PGPU B; EPO; JFO; DERWENT; IBM | USPAT; US-PGPU B; EPO; JPO; DERWENT; IBM TDB | USPAT; US-PGPU B; EPO; JPO; DERWENT; IBM TDB | H C | USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM TDB | H * G | USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM TDB | DBs |
| 2001/38/11 | 2001/08/21 | 2001/08/21 | 2001/08/21 | 2001/08/21 | 2001/08/21 12:54 | 2001/08/21 15:26 | 2001/08/21 13:34 | Time Stamp |
| | | | | | | | | Comments |
| | | | | | | | | Error Definition |
| c | O | 0 | 0 | 0 | 0 | 0 | 0 | rs |

| 16 BRS | 15 BRS | 14 BRS | 13 BRS | 12 BRS | 11 BRS | 10 BRS | 9 BRS |
|---|--|--|--|---|---|-----------------|------------|
| 311 | L17 | L16 | L15 | Г14 | Г13 | L12 | L 1 1 |
| 44 © | α | 98 | 269 | 4 | ω | 267 | L-J |
| L15 with (Lemi\$ or chip or wafer) | L15 near (semi\$ or chip or wafer) | L15 and (semi\$ or chip) | organic near (protect\$ adj film) | (chip with ((buffer adj layer) or (stress with layer))) and (circuit adj layer) | L3 and L12 | porous adj tape | L10 and 13 |
| USPAT; US-PGPU B; EPO; JPO; DERWENT; IBM TDB | USPAT; US-PGPU B; EPO; JPO; DERWENT; IBM TDB | USPAT; US-PGPU B; EPO; JPO; DERWENT; IBM TDB | USPAT; US-PGPU B; EPO; JPO; DERWENT; IBM TDB | ····· | USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM TDB | 7 . 0 | нс |
| 20C1/03.11 14:42 | 2001/08/21 | 2001/08/21 | 2001/08/21 | 2001/08/21 | 2001/08/21 | 2001/08/21 | 2001/08/21 |
| | | | | | | | |
| Truncation Overflow. Return string from Server is: 5 J'O SEM | Truncation Overflow. Return string from Server is: 5.0.0.SEM | Truncation Overflow. Return string from Server is: 5.0.0.SEM | Truncation Overflow. Return string from Server is: 5'956494' | | | | |
| ļà | Н | k-r-d | P | 0 | 0 | 0 | 0 |

| | :3 BRS L25 | 22 BRS L24 | 21 BRS L23 | 20 BRS L22 | 19 BRS L21 | 18 BRS L20 | 17 BRS L19 | Type L |
|-------------------------------------|--|--|--|---|--|--|---|------------------|
| | 25 372 | 61972 | 23 210113 | 34 | 39 | 369 | 36 9 | L # Hits |
| porous with layer | L24 and (circuit adj layer) | L23 and (semiconductor or chip or wafer) | (porous or gap or space or hole) with layer | (porous or gap or space or hole) with (stress adj ((relax\$ or buffer) adj layer)) | L20 and ((porous or hole\$ or space\$ or gap) with layer) | ((prevent or stop or less) near warp\$) with (chip or die or semiconductor or wafer) | ((prevent or stp or less) near warp\$) with (chip or die or semiconductor or wafer) | Search Text |
| USPAT; US-PGPU B; EPO; JPO; DERWENT | USPAT; US-PGPU B; EPO; JPO; DERWENT; IBM TDB | н "с | 7 ". | H ".C | H C | 7 | H *• C | DBs |
| 2001/38/21 | 2001/08/21 16:40 | 2001/08/21 16:39 | 2001/08/21 16:39 | 2001/08/21 16:31 | 2001/08/21 | 2001/08/21 15:18 | 2001/08/21 14:46 | Time Stamp |
| | | | | | | | | Comments |
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| (0) | Çu H | 30 | 29 | 28 | 27 | 26 | 25 | |
|---|--|--|--|--|---|---|--|------------------|
| BRS | BRS | BRS | BRS | BRS | BRS | BRS | BRS | Туре |
| L34 | L31 | L33 | L32 | L30 | L29 | L28 | L27 | ۲ # |
| f · | 551 | 1 | O | 1381 | ω | 29 | 4768 | Hits |
| באר (procests with (film or liner or layer)) | 257/569.ccls. | L31 and trace and (stress with layer) | L31 and (circuit adj layer) | L3 and (semiconductor or chip or wafer or die) | (porous near (tape or polymide)) and (circuit adj layer) | L27 and (circuit adj layer) | L26 and (semiconductor or chip or wafer) | Search Text |
| US-PGPU B; EPO; JFO; DERWENT; 1BM | USPAT; US-PGPU B; EPO; JPO; DERWENT; IBM TDB | USPAT; US-PGPU B; EPO; JPO; DERWENT; IBM TIB | USPAT; US-PGPU B; EPO; JPO; DERWENT; IBM TDB | USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM TDB | USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM TDB | USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM TDB | ₽ *• □ | DBs |
| 25(1/08,21 18:57 | 2001/08/21 | 2001/08/21 | 2001/08/21 17:59 | 2001/08/21 17:56 | 2001/08/21 17:00 | 2001/08/21 16:58 | 2001/08/21 16:40 | Time Stamp |
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| Œ | | | 19:06 | - | • | | LAS | ERS : | 44 |
|------|------------------|----------|---------------------|--|--|--------|------|-------|--------|
| : 0 | | | 19:06 | USPAT | "5759873".PN. | ш. | | BRS | 43 |
| O | | | 2001/08/21 | USPAT | "5684330".FN. | ⊢ | L44 | BRS | 42 |
| 0 | | | 2001/08/21 | USPAT | "5627405".PN. | para . | L43 | BRS | 41 |
| 0 | | | 2001/08/21 19:05 | USPAT | "5477933".PN. | ר | L4 _ | BRS | 40 |
| 0 | | | 2001/08/21 19:05 | USPAT | "5258330".PN. | 1 | L41 | BRS | 39 |
| 0 | | | 2001/08/21 19:28 | USPAT; US-PGPU B; EPO; JPO; DERWENT; IBM TDB | 139 NOT 138 | 103 | L40 | BRS | 38 |
| 0 | | | 2001/08/21 18:55 | ⊢ `. ⊂ | L37 and stress | 110 | L39 | BRS | 37 |
| 0 | | | 2001/08/21 18:53 | ₽ ` ⊂ | L37 and warp | 16 | L38 | BRS | 36 |
| 0 | | | 2001/08/21 18:32 | H , C | package with (close or "same") with size with (chip or die) | 344 | L37 | BRS | 3 5 |
| 0 | | | 2001/08/21 | □ ` ' □ | package with (close or "same" or size) with (chip or die) | 5131 | L36 | BRS | 34 |
| 0 | | | 2001/08/21 18:07 | H , C | L31 and liner | L L | L35 | BRS | ω |
| Erro | Error Definition | Comments | Time Stamp | DBs | Search Text | Hits | # | Туре | |

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|------|------------------|----------|-----------------------|---|--|---------|------|------|-----|
| 0 | | | 2001, 68, 21 20129 | USPAT; US-PGPU B; EPO; JPO; DERWENT | 257/635.ccls. and stress | UI W | 09.1 | BRS | ω |
| | | | 2001/08/21 20:19 | USPAT; US-PGFU B; EPO; JPO; DERWENT; IEM TDB | 157/635.ccls. and wafer | 92 | Ľ7 | BRS | 7 |
| 0 | | | 2001/08/21 20:17 | 14 5 € | 257/668.ccls. and wafer | 120 | 91 | BRS | ð |
| 0 | | | 2001/08/21 | USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM TDB | (wafer adj (compris\$ or consist\$)) with ((via or through) adj hole) | 6 | 1.5 | BRS | Ú |
| 0 | | | 2001/08/21 | USPAT; US-PGPU B; EPO; JPO; DERWENT; IBM TDB | (wafer adj (compris\$ or consist\$)) with (via adj hole) | 1 | L4 | BRS | .42 |
| 0 | | | 2001/08/21 20:05 | ⊣ ∵ ⊂ | 257/913.ccls. and stress | 10 | L3 | BRS | ω |
| 0 | | | 2001/08/21 20:02 | · · · · | 257/913.ccls. and wafer | ω V | L2 | BRS | 2 |
| 0 | | | 2001/08/21 20:01 | | 257/668.ccls. and wafer | 120 | L1 | BRS | H |
| Erro | Error Definition | Comments | Time Stamp | DBs | Search Text | Hits | F # | Туре | _ |

| BRS L9 21 257/638.ccls. and stress User |
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| L10 281 stress adj 1 L11 35 L10 and wafe L11 35 L10 and wafe L11 364 porous mean porous near polytetraf1 S L15 1431 porcus adj S L16 20 polytetraf1 |
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|----|------|-----|------|--|---|---|----------|--|
| 17 | BRS | L17 | 496 | ptfe same stress | USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM | USPAT; US-PGPU B; EPO; 2001/08/21 JPO; 20:44 DERWENT 20:44 ; IBM TDB | | |
| | | | | | USPAT; US-PGPU | | | |
| 18 | BRS | L18 | 74 | 117 and (semiconductor or chip or wafer) | | 2001/08/21 20:48 | | |
| 19 | BRS | L19 | 632 | resin with (via adj hole) | USPAT; US-PGPU B; EPO; JPO; DERWENT ; IBM TDB | 2001/08/21 20:49 | | |
| 20 | BRS | L20 | 10 | (conduct\$ adj resin) with (via adj | USPAT; US-PGPU B; EPO; JPO; DERWENT; IBM TDB | US-PGPU US-PGPU B; EPO; 2001/08/21 JPO; 20:50 DERWENT 20:50 ; IBM | | Truncation Overflow Return string from Server is: 5`0`0`CON |